



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **ATTN: APPLICATION BRANCH**
Shin SADANO et al. : Docket No. 2003_0988A
Serial No. 10/665,147 : Group Art Unit Not Yet Assigned
Filed September 22, 2003 : Examiner Not Yet Assigned

A METHOD FOR THE PURIFICATION OF
MARIGOLD OLEORESIN

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of ☒ the references listed on attached form PTO-1449 and/or ☐ the additional information identified below in paragraph 3. A legible copy of each reference listed on the form PTO-1449 and each U.S. patent application listed below is enclosed, except a copy is not provided for each reference previously cited by or submitted to the Patent Office in prior parent application Serial No. .

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**
- (2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:

- a. ☐ a full or partial English language translation submitted herewith,

- b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page,
 - d. ☐ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Shin SADANO et al.

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December 18, 2003

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

Date Submitted to PTO: December 18, 2003

ATTY DOCKET NO.
2003_0988ASERIAL NO.
10/665,147APPLICANT
Shin SADANO et al.FILING DATE
September 22, 2003GROUP
Not Yet Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2003/0130531	7/2003	Sadano et al.	554	9	
	AB						
	AC						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AD	99/54408	10/1999	WO			
	AE	2003-201497	7/2003	JP			Corresponds to Ref AA
	AF	7-8209	1/1995	JP			Abstract
	AG	7-88303	4/1995	JP			Abstract
	AH	7-8202	1/1995	JP			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AI	The Japan Health Industry News, Co., Ltd. FOOD PROCESSING & INGREDIENTS, No. 35, Vol. 4, pp. 70-71, 2000, as well as its English Abstract.
	AJ	Metamor Publishing Co., Ltd., Hoyoku Nishino and Khachik Frederic, NAZE MULTICAROTENE GA GAN WO YOKUSEI SURUNOKA (Why Does Multicarotene Suppress Cancer?), pp. 79-83, 1998, as well as its English Abstract.
	AK	Food Chemicals News Paper Inc., FOOD STYE 21, No. 3, Vol. 3, pp. 50-53, 1999, as well as its English Abstract.
	AL	FFI Journal Editorial Committee, FOODS & FOOD INGREDIENTS JOURNAL OF JAPAN, No. 191, pp. 75-76, March 2001, as well as its English Abstract.
	AM	The Japan Health Industry News Co., Ltd., FOOD PROCESSING & INGREDIENS, No. 30, Vol. 2, pp. 16-18, 1995, as well as its English Abstract.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

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	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BJ	8-168356	7/1996	JP			Abstract
	BK	63-112659	5/1988	JP			Abstract
	BL	61-268762	11/1986	JP			Abstract
	BM	2-38464	2/1990	JP			Abstract
	BN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	BO	
	BP	
	BQ	

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